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## REVIEWED

By Paula Klimach at 3:35 am, Aug 04, 2007

- \* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	<b>Docket Number:</b> 14917.0474US01 (formerly M1103.70169US00)	<b>Application Number:</b> 10/713,980
	<b>Applicant:</b> Swander et al.	
	<b>Filing Date:</b> 11/14/2003	<b>Group Art Unit:</b> 2131

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PwK	7062654	June 13, 2006	Millen; Jonathan			November 9, 2001
PwK	6959336	October 25, 2005	Moreh; Jahanshah			April 7, 2001
PwK	6643774	November 4, 2003	McGarvey; John Ryan			April 8, 1999
PwK	5815574	September 29, 1998	Fortinsky; Michael S.			November 28, 1995
PwK	5544322	August 6, 1996	Cheng; Pau-Chen			May 9, 1994
PwK	5442342	August 29, 1990	Kung; Kenneth C.			August 15, 1995
PwK	5241594	August 31, 1993	Kung; Kenneth C.			June 2, 1992
PwK	5220603	June 15, 1993	Parker; Thomas A.			February 25, 1992
PwK	20060101149	March 19, 1999	Deininger; Andreas			October 21, 2005
PwK	20050144463	March 18, 2002	Rossebo, Judith			June 30, 2005
PwK	20030212806	November 13, 2003	Mowers, David R.			May 10, 2002
PwK	20020178377	November 28, 2002	Hemsath, David Kurt			March 21, 2001

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
PwK		Mark Vandenwauver, Ren'e Govaerts, Joos Vandewalle , "How Role Based Access Control is implemented in SESAME," Publication Date: 1997. <a href="http://www.cosic.esat.kuleuven.ac.be/sesame/papers/wetico97.pdf">http://www.cosic.esat.kuleuven.ac.be/sesame/papers/wetico97.pdf</a>					

EXAMINER	/Paula Klimach/	DATE	By Paula Klimach at 3:31 am, Aug 04, 2007
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<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number:	Application Number:
	14917.0474US01 (formerly M1103.70169US00)	10/713,980
	Applicant: Swander et al.	
	Filing Date: 11/14/2003	Group Art Unit: 2131

		<a href="https://www.cosic.esat.kuleuven.ac.be/sesame/html/sesame_links.html">https://www.cosic.esat.kuleuven.ac.be/sesame/html/sesame_links.html</a>
PwK		D.W.Chadwick, A. Otenko, "RBAC policies in xml for x.509 based privilege management," Publication Date: May 2002. <a href="http://sec.cs.kent.ac.uk/download/Sec2002Final.pdf">http://sec.cs.kent.ac.uk/download/Sec2002Final.pdf</a> ( <a href="http://citeseer.ist.psu.edu/context/2397834/0">http://citeseer.ist.psu.edu/context/2397834/0</a> )
PwK		"Unified Login with Pluggable Authentication Modules (PAM)," Conference on Computer and Communications Security, Proceedings of the 3rd ACM conference on Computer and communications security, Publication Date: 1996, Pages: 1 - 10 <a href="http://delivery.acm.org/10.1145/240000/238177/pl-samar.pdf?key1=238177&amp;key2=6437033511&amp;coll=GUIDE&amp;dl=GUIDE&amp;CFID=1805311&amp;CFTOKEN=10796813">http://delivery.acm.org/10.1145/240000/238177/pl-samar.pdf?key1=238177&amp;key2=6437033511&amp;coll=GUIDE&amp;dl=GUIDE&amp;CFID=1805311&amp;CFTOKEN=10796813</a> )
PwK		Niamh Quinn, Mark Smith, Petra Hoepner, Eric Malville, Tom-Arthur, "EURESCOM Technical Information," Technology Assessment of Middleware for Telecommunications, Publication Date: July 2001 <a href="http://www.eurescom.de/~pub-deliverables/p900-series/P910/TI25/p910ti25.pdf">http://www.eurescom.de/~pub-deliverables/p900-series/P910/TI25/p910ti25.pdf</a>
PwK		William A. Adamson, Jim Rees, and Peter Honeyman, "Joining Security Realms: A Single Login for NetWare and Kerberos," Proceedings of the Fifth USENIX UNIX Security Symposium, Publication Date: June 1995. <a href="http://www.usenix.org/publications/library/proceedings/security95/full_papers/adamson.ps">http://www.usenix.org/publications/library/proceedings/security95/full_papers/adamson.ps</a>
PwK		Aboba, et al., "RFC 3748 - Extensible Authentication Protocol (EAP)," Network Working Group, June 2004.
PwK		Harkins, et al., "RFC 2409 - The Internet Key Exchange (IKE)," Network Working Group, November 1998.
PwK		Kaufman, C., "RFC 4306 - Internet Key Exchange (IKEv2) Protocol," Network Working Group, December 2005.

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EXAMINER /Paula Klimach/

DATE By Paula Klimach at 3:32 am, Aug 04, 2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

10/3/06

Date Mailed: October 3, 2006

Sheet 1 of 2

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number:	Application Number:
	14917.0474US01 (formerly M1103.70169US00)	10/713,980
	Applicant: Swander et al.	
	Filing Date: 11/14/2003	Group Art Unit: 2135

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
PK	Piper, D., B. Swander, "A GSS-API Authentication Method for IKE", July 2001, Internet Draft, <a href="http://www3.ietf.org/proceedings/02mar/1-D/draft-ietf-ipsec-isakmp-gss-auth-07.txt">http://www3.ietf.org/proceedings/02mar/1-D/draft-ietf-ipsec-isakmp-gss-auth-07.txt</a>
	Internet Assigned Numbers Authority, "ISAKMP Registry", <a href="http://www.iana.org/assignments/isakmp-registry">http://www.iana.org/assignments/isakmp-registry</a>
	Internet Assigned Numbers Authority, "IPsec Registry", <a href="http://www.iana.org/assignments/ipsec-registry">http://www.iana.org/assignments/ipsec-registry</a>
	Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <a href="http://www.ietf.org/rfc/rfc2119.txt">http://www.ietf.org/rfc/rfc2119.txt</a>
	Piper, D., "The Internet IP Security Domain of Interpretation for ISAKMP", RFC 2407, November 1998, <a href="http://www.ietf.org/rfc/rfc2407.txt">http://www.ietf.org/rfc/rfc2407.txt</a>
	D. Harkins, D. Carrel, "The Internet Key Exchange (IKE)", November 1998, RFC 2409, <a href="http://www.ietf.org/rfc/rfc2409.txt">http://www.ietf.org/rfc/rfc2409.txt</a>

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EXAMINER	DATE: By Paula Klimach at 3:29 am, Aug 04, 2007
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	<b>Applicant:</b> Swander et al.	
	<b>Filing Date:</b> 11/14/2003	<b>Group Art Unit:</b> 2131

PK		Kent, S. and K. Seo, "Security Architecture for the Internet Protocol", RFC 4301, December 2005, <a href="http://www.ietf.org/rfc/rfc4301.txt">http://www.ietf.org/rfc/rfc4301.txt</a>
		Kent, S., "IP Encapsulating Security Payload (ESP)", RFC 4303, December 2005, <a href="http://www.ietf.org/rfc/rfc4301.txt">http://www.ietf.org/rfc/rfc4301.txt</a>
		National Institute of Standards and Technology, "FIPS 180-2, Secure Hash Standard (SHS)", August 2002, <a href="http://csrc.nist.gov/publications/fips/fips180-2/fips180-2withchangenotice.pdf">http://csrc.nist.gov/publications/fips/fips180-2/fips180-2withchangenotice.pdf</a>
		Barker, E., Johnson, D., M. Smid, "Recommendation for Pair-Wise Key Establishment Schemes Using Discrete Logarithm Cryptography", <a href="http://csrc.nist.gov/publications/nistpubs/800-56A/sp800-56A_May-3-06.pdf">http://csrc.nist.gov/publications/nistpubs/800-56A/sp800-56A_May-3-06.pdf</a>

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EXAMINER

DATE *By Paula Klimach at 3:34 am, Aug 04, 2007*

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10/19/06

Sheet 1 of 2

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Docket Number:</b> <b>14917.0474US01</b> (formerly M1103.70169US00)	<b>Application Number:</b> 10/713,980
<b>IN AN APPLICATION</b> (Use several sheets if necessary)	<b>Applicant:</b> Brian Swander	
	<b>Filing Date:</b> 11-14-2003	<b>Group Art Unit:</b> 2135

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PK	7028186	April 11, 2006	Stenman; Jorma			February 11, 2000
	6986061	January 10, 2006	Kunzinger; Charles A			November 20, 2000
	6957346	October 18, 2005	Kivinen; Tero			June 15, 1999
	6904529	June 7, 2005	Swander; Brian D.			April 28, 2000
	20060105741	November 18, 2004	Suh; Dong-Wook			November 18, 2005
	20060078119	October 11, 2004	Jee; Jung Hoon			July 7, 2005
	20060015935	October 26, 2001	Dixon; William H.			September 22, 2005
	20050149732	July 7, 2005	Freeman, Trevor W.			March 23, 2004
	20050135359	June 23, 2005	Chang, Chun-Ping			May 27, 2004
	20040151322	August 5, 2004	Sovio, Sampo			December 5, 2003
	20030200433	October 23, 2003	Stirbu, Vlad Alexandru			April 18, 2002
	20030142823	July 31, 2003	Swander, Brian			January 25, 2002

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EXAMINER	DATE COMPLETED <b>By Paula Klimach at 3:26 am, Aug 04, 2007</b>
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	Applicant: Brian Swander	
	Filing Date: 11-14-2003	Group Art Unit: 2135

FOREIGN PATENT DOCUMENTS							
PK	DOCUMENT NO. WO 0201827	DATE January 03, 2002	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
PK		JaeDok Lim, MinHo Han, JeongNyeo Kim, "Implementation of light-weight IKE protocol for IPsec VPN within Router," This paper appears in: Advanced Communication Technology, 2005, ICACT 2005. Publication Date: 21-23 Feb, 2005, Volume: 1, Page(s): 81- 84. <a href="http://ieeexplore.ieee.org/iel5/9886/31419/01461739.pdf?tp=&amp;arnumber=1461739&amp;isnumber=31419">http://ieeexplore.ieee.org/iel5/9886/31419/01461739.pdf?tp=&amp;arnumber=1461739&amp;isnumber=31419</a>					
		Perlman, R., Kaufman, C., "Key Exchange in IPSec: Analysis of IKE," This paper appears in: Internet Computing, IEEE Publication Date: Nov/Dec 2000, Volume: 4, Issue: 6, Page(s): 50-56. <a href="http://ieeexplore.ieee.org/iel5/4236/19367/00895016.pdf?isnumber=&amp;arnumber=895016">http://ieeexplore.ieee.org/iel5/4236/19367/00895016.pdf?isnumber=&amp;arnumber=895016</a>					
		Meadows, C., "Analysis of the Internet Key Exchange Protocol Using the NRL Protocol Analyzer" This paper appears in: Security and Privacy, 1999. Proceedings of the 1999 IEEE Symposium on Publication Date: 1999, Page(s): 216-231. <a href="http://ieeexplore.ieee.org/iel5/6220/16605/00766916.pdf?isnumber=&amp;arnumber=766916">http://ieeexplore.ieee.org/iel5/6220/16605/00766916.pdf?isnumber=&amp;arnumber=766916</a>					
		Matsuura, Kanta; Imai, Hideki, "Modified aggressive mode of internet key exchange resistant against denial-of-service attacks," Publication Date: May 2000, Volume: E83-D, Issue No: 5, Page(s): 972-979. <a href="http://www.csa.com/partners/viewrecord.php?requester=gs&amp;collection=TRD&amp;recid=494182CI">http://www.csa.com/partners/viewrecord.php?requester=gs&amp;collection=TRD&amp;recid=494182CI</a>					

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11/1/06

Sheet 1 of 1

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PK	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Maughan, D.; Schertler, M.; Schneider, M.; Turner, J. <i>Internet Security Association and Key Mangement Protocol (ISAKMP)</i> , November 1998, RFC 2408, pp. 1-86.					

<b>27488</b> PATENT TRADEMARK OFFICE
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EXAMINER	DATE CONSIDERED
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By Paula Klimach at 3:21 am, Aug 04, 2007

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